UNITED STATES DECKER QUADRANGLE **OPEN FILE REPORT 79-647** DEPARTMENT OF THE INTERIOR MONTANA-BIG HORN CO. PLATE 2 OF 43 GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4674 III NE (TONGUE RIVER DAM) 106°52′30″ 106°45′ 45°07′30″ **OPEN-FILE REPORT** This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. RB 92.72 18 RB 38.75 RB 77.30 RB 88.59 RB 53.14 HYP 0.07 HYP 13.72 HYP 0.32 HYP 5.44 HYP 3.81 2 19 20 21 19 22 23 3 **EXPLANATION** RB 95.19 RB 47.94 RB 101.89 NON-FEDERAL COAL LAND WITHIN THE KRCRA-**RB** 73.03 HYP 3.37 HYP 5.56 Land for which the Federal Government does not own the HYP 4.40 coal rights. RB 11.35 2 HYP 0.57 29 30 27 28 30 TOTAL RESERVE BASE (RB) AND HYPOTHETICAL RESOURCES (HYP) OF COAL PER SECTION—In millions of short tons, calculated for each section of Federal land following the guidelines given in U.S. Geol. Survey Bull. 1450-B (1976). To convert short tons to metric tons, multiply short tons by 0.9072. 4 RB 28.84 RB 84.25 Coal Lse. MO69782 HYP 0.57 HYP 0.95 RB 32.53 2 Coal Lse. MO6770 31 Coal Lse. M061685 Coal Lse. MO73093 SECTION OF LAND-Showing lots and lot numbers. Coal Lse. MO73093 T. 9 S. Coal Lse. MO73093 2 Coal Lse. MO57934-A Coal Lse. MO57934 RB 119.30 RB 12.58 AREA OF COAL LEASE ON FEDERAL COAL LAND-HYP 3.01 Showing coal lease number. Area of Federal coal lands on which the Federal Government has entered into a contractual agreement for development of the coal 6 NOTE: BLM coal plat data indicating areas of coal ownership current as of August 9, 1977. This entire quadrangle lies within the Known Recoverable Coal Resource Area (KRCRA). RB 52.30 RB 141.24 RB 5.26 RB 18.95 REFERENCE U.S. Bureau of Mines and U.S. Geological Survey, 1976, Coal resource classification system of the U.S. Bureau of Mines and U.S. Geological Survey: U.S. Geol. Survey Bull. 1450-B, 7 p. 10 Coal Lse. M061685 RB 51.20 18 13 18 RB 37.31 2'30" 2'30" Coal Lse. MO61685 Coal Lse. MO73093 RB 24.34 RB 125.53 RB 169.49 20 23 24 Coal Lse. Coal Lse. MO61685 M061686 8 Coal Lse. IMO57934-A RB 149.96 RB 97.34 RB 78.24 RB 167.22 28 30 Coal Lse. MO61686 26 25 RB 23.47 RB 92.28 HYP 2.40 31 35 45°00′ 106°45′ Base map from U.S. Geological Survey, 1967 SCALE 1:24 000 UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE MAP OF THE DECKER QUADRANGLE,
BIG HORN COUNTY, MONTANA
BY

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 2
BOUNDARY AND COAL
DATA MAP